

Title (en)

Catalysts for polycondensation and redistribution of organosiloxane polymers

Title (de)

Katalysatoren für Polykondensation und Equilibrierung von Organosiloxanpolymeren

Title (fr)

Catalyseurs pour la polycondensation et l'équilibrage de polymères d'organosiloxane

Publication

EP 0779316 A3 19971203 (EN)

Application

EP 96308932 A 19961210

Priority

US 57321895 A 19951213

Abstract (en)

[origin: EP0779316A2] A mixture of a short chain linear phosphazene having the formula: $X_3-p(HO)pP(NPX_2)mNP(O)X_2$, where X is a halogen selected from the group consisting of F, Cl, Br, and I, and m is an integer ranging from 0 to 6 and p is 0 or 1; and a linear siloxane having a viscosity ranging from 1 to 5,000 centistokes is a catalyst for the polymerization, condensation, or redistribution of siloxanes; the process of making the catalyst and the process of using the catalyst.

IPC 1-7

C08G 77/10

IPC 8 full level

C07F 7/08 (2006.01); **C08G 77/08** (2006.01); **C08G 77/10** (2006.01); **C08G 77/395** (2006.01); **C08G 79/02** (2016.01); **C08G 79/025** (2016.01)

CPC (source: EP US)

C08G 77/08 (2013.01 - EP US); **C08G 77/10** (2013.01 - EP US); **C08G 77/395** (2013.01 - EP US)

Citation (search report)

[DX] US 5403909 A 19950404 - RUBINSZTAJN SLAWOMIR [US]

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